

Declaration for Patent Application

As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION

the specification of which (check one)

is attached hereto.

was filed on November 13, 1991 as
Application Serial No. 07/791,898 (if applicable).
and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

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Priority
Claimed

(Number) (Country) (Day/Month/Year filed)

Yes No

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all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and

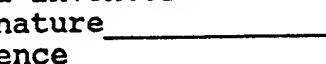
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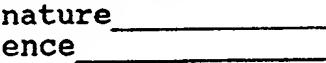
617-861-6240

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Signature 
Residence President's House, Rockefeller University
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Citizenship U.S.A.
Post Office Address same as above

Full name of second joint
inventor, if any Ranjan Sen
Second Inventor's
Signature 
Residence 236 Allston Street
Cambridge, MA 92139
Citizenship India
Post Office Address same as above

Full name of third joint
inventor, if any Phillip A. Sharp
Third Inventor's
Signature 
Residence 119 Grasmere Street
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Post Office Address same as above

Full name of fourth joint
inventor, if any Harinder Singh
Fourth Inventor's
Signature 
Residence 1700 East 56th Street, #1309
Chicago, IL 60637-1934
Citizenship India
Post Office Address same as above

Full name of fifth joint
inventor, if any Louis Staudt
Fifth Inventor's
Signature _____ Date _____
Residence 9309 Greycrock Road
Silver Springs, MD 20910
Citizenship U.S.A.
Post Office Address same as above

Full name of sixth joint
inventor, if any Jonathan LeBowitz
Sixth Inventor's
Signature _____ Date _____
Residence 27 Crescent Road
Belmont, MA 02178
Citizenship U.S.A.
Post Office Address same as above

Full name of seventh joint
inventor, if any Albert S. Baldwin, Jr.
Seventh Inventor's
Signature _____ Date _____
Residence 34 South Gate Park
West Newton, MA 02165
Citizenship U.S.A.
Post Office Address same as above

Full name of eighth joint
inventor, if any Roger Clerc
Eighth Inventor's
Signature _____ Date _____
Residence 129 Parsons Road
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Citizenship Switzerland
Post Office Address same as above

Full name of ninth joint
inventor, if any Lynn M. Corcoran
Ninth Inventor's
Signature _____ Date _____
Residence 109 Beacon Street, Apt. I
Boston, MA 02116
Citizenship U.S.A.
Post Office Address same as above

Full name of tenth joint

inventor, if any Patrick A. Baeuerle

Fifth Inventor's

Signature _____ Date _____

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Full name of eleventh joint

inventor, if any Michael J. Lenardo

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Full name of twelfth joint

inventor, if any Chen-Ming Fan

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Signature _____ Date _____

Residence 30 Warren Avenue, Apt. 2A

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Full name of thirteenth joint

inventor, if any Tom Maniatis

Eighth Inventor's

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Inventor's Signature _____ Date _____

Residence President's House, Rockefeller University
1230 York Avenue, New York, NY 10021

Citizenship U.S.A.

Post Office Address same as above

Full name of second joint inventor, if any Ranjan Sen

Second Inventor's Signature David Baltimore Date 02/10/92

Residence 236 Allston Street
Cambridge, MA 92139 104 KINNAIRD ST.
CAMBRIDGE MA 021

Citizenship India

Post Office Address same as above

R.S.

Full name of third joint inventor, if any Phillip A. Sharp

Third Inventor's Signature _____ Date _____

Residence 119 Grasmere Street
Newton, MA 02158

Citizenship U.S.A.

Post Office Address same as above

Full name of fourth joint inventor, if any Harinder Singh

Fourth Inventor's Signature _____ Date _____

Residence 1700 East 56th Street, #1309
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-4- :

Full name of fifth joint
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Full name of third joint
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Third Inventor's
Signature Phillip A. Sharp Date 1/7/82

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Full name of fourth joint
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Full name of tenth joint

inventor, if any Patrick A. Baeuerle

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same as above

Full name of fourteenth joint

inventor, if any

Ninth Inventor's

Signature

Date

Residence

Citizenship

Declaration for Patent Application

As a named inventor, I hereby declare that:

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(Number) (Country) (Day/Month/Year filed)

Yes No

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inventor, if any Ranjan Sen
Second Inventor's
Signature _____ Date _____
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Citizenship India
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Fourth Inventor's
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1000337343 02/26/02

-4- :

Full name of fifth joint
inventor, if any Louis Staudt
Fifth Inventor's
Signature 
Residence 9309 Greycourt Road
Silver Springs, MD 20910
Citizenship U.S.A.
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inventor, if any Jonathan LeBowitz
Sixth Inventor's
Signature _____ Date _____
Residence 27 Crescent Road
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Post Office Address same as above

Full name of seventh joint
inventor, if any Albert S. Baldwin, Jr.
Seventh Inventor's
Signature _____ Date _____
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West Newton, MA 02165
Citizenship U.S.A.
Post Office Address same as above

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inventor, if any Roger Clerc
Eighth Inventor's
Signature _____ Date _____
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Inventor's
Signature _____ Date _____

Residence President's House, Rockefeller University
1230 York Avenue, New York, NY 10021

Citizenship U.S.A.

Post Office Address same as above

Full name of second joint
inventor, if any Ranjan Sen

Second Inventor's
Signature _____ Date _____

Residence 236 Allston Street
Cambridge, MA 92139

Citizenship India

Post Office Address same as above

Full name of third joint
inventor, if any Phillip A. Sharp

Third Inventor's
Signature _____ Date _____

Residence 119 Grasmere Street
Newton, MA 02158

Citizenship U.S.A.

Post Office Address same as above

Full name of fourth joint
inventor, if any Harinder Singh

Fourth Inventor's
Signature _____ Date _____

Residence 1700 East 56th Street, #1309
Chicago, IL 60637-1934

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100-32974-3404422

-4-

Full name of fifth joint
inventor, if any Louis Staudt
Fifth Inventor's
Signature _____ Date _____
Residence 9309 Greycrock Road
Silver Springs, MD 20910
Citizenship U.S.A.
Post Office Address same as above

Full name of sixth joint
inventor, if any Jonathan LeBowitz JONATHAN H. LeBowitz (ff)
Sixth Inventor's
Signature Jonathan LeBowitz Date 2/12/92
Residence 27 Crescent Road 35 IRONGATE Drive
Belmont, MA 02178 Zionsville, IN 46077
Citizenship U.S.A. USA
Post Office Address same as above (ff)

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Signature _____ Date _____
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10252497 10252498

-4-

Full name of fifth joint
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Fifth Inventor's

Signature _____ Date _____

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Post Office Address same as above

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Sixth Inventor's

Signature _____ Date _____

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Citizenship U.S.A.

Post Office Address same as above

Full name of seventh joint
inventor, if any Albert S. Baldwin, Jr.

Seventh Inventor's

Signature Albert S. Baldwin, Jr. Date 12/31/91

Residence 34 South Gate Park 901 GROVE ST.
West Newton, MA 02165 CHAPEL HILL, NC 27514

Citizenship U.S.A.

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ASA
12/30/91

Full name of eighth joint
inventor, if any Roger Clerc

Eighth Inventor's

Signature _____ Date _____

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Citizenship Switzerland

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Post Office Address

same as above

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inventor, if any G. Roger Clerc

Eighth Inventor's

Signature

Date

Residence 129 Parsons Road

KUGELFANG, 42

Citizenship

Switzerland

Post Office Address

same as above

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inventor, if any Lynn M. Corcoran

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Citizenship _____
Post Office Address _____

Declaration for Patent Application

As a named inventor, I hereby declare that:

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Second Inventor's Signature _____ Date _____
Residence 236 Allston Street
Cambridge, MA 92139
Citizenship India
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Third Inventor's Signature _____ Date _____
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Signature Michael J. Lenardo Date 1/6/71
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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As a named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name;

I believe I am the original, first and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed in the signatory page(s) commencing at page 3 hereof) of the subject matter which is claimed and for which a patent is sought on the invention entitled

NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION

the specification of which (check one)

is attached hereto.

was filed on November 13, 1991 as Application Serial No. 07/791,898 (if applicable). and was amended on _____

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority
Claimed

(Number) (Country) (Day/Month/Year filed)

Yes No

(Number) (Country) (Day/Month/Year filed)

Yes No

(Number) (Country) (Day/Month/Year filed)

Yes No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| | | |
|------------|-------------------|-----------|
| 06/817,441 | January 9, 1986 | Abandoned |
| 07/155,207 | February 12, 1988 | Abandoned |
| 07/280,173 | December 5, 1988 | Pending |
| 07/341,436 | April 21, 1989 | Pending |
| 07/162,680 | March 1, 1988 | Abandoned |
| 07/318,901 | March 3, 1989 | Pending |
| 06/946,365 | December 24, 1986 | Pending |

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

I also hereby grant additional Powers of Attorney to the following attorney(s) and/or agent(s) to file and prosecute an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

| | |
|-------------------|-------------------------|
| David E. Brook | Registration No. 22,592 |
| James M. Smith | Registration No. 28,043 |
| Leo R. Reynolds | Registration No. 20,884 |
| Richard A. Wise | Registration No. 18,041 |
| Patricia Granahan | Registration No. 32,227 |
| Mary Lou Wakimura | Registration No. 31,804 |
| Thomas O. Hoover | Registration No. 32,470 |
| Alice O. Carroll | Registration No. 33,542 |

all of Hamilton, Brook, Smith and Reynolds, P.C., Two Militia Drive, Lexington, Massachusetts 02173;

and

Send correspondence to: Patricia Granahan, Esq.
HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Two Militia Drive, Lexington, MA 02173

Direct telephone calls to: Patricia Granahan, Esq.

617-861-6240

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole
or first inventor David Baltimore
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Second Inventor's
Signature _____ Date _____
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Full name of third joint
inventor, if any Phillip A. Sharp
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Signature _____ Date _____
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Full name of eighth joint
inventor, if any Roger Clerc
Eighth Inventor's
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Ninth inventor's
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inventor, if any Patrick A. Baeuerle

Fifth Inventor's

Signature _____ Date _____

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Full name of eleventh joint

inventor, if any Michael J. Lenardo

Sixth Inventor's

Signature _____ Date _____

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Citizenship U.S.A.

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Full name of twelfth joint

inventor, if any Chen-Ming Fan

Seventh Inventor's

Signature _____ Date _____

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Citizenship Taiwan

Post Office Address same as above

Full name of thirteenth joint

inventor, if any Tom Maniatis Thomas P. Maniatis

Eighth Inventor's

Signature Thomas P. Maniatis Date 1/22/91

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Watertown, MA 02172 Belmont, MA 02178

Citizenship U.S.A.

Post Office Address same as above

Full name of fourteenth joint

inventor, if any _____

Ninth inventor's

Signature Thomas P. Maniatis Date 1/22/91

Residence _____

Citizenship _____

Post Office Address _____

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assistant Commissioner for Patents
Washington, DC 20231

REVOCATION OF PRIOR POWERS OF ATTORNEY AND
APPOINTMENT OF NEW POWER OF ATTORNEY

Sir:

Massachusetts Institute of Technology, the Assignee of certain rights, titles and interest in the patent applications listed below by virtue of Assignment documents of record in the Patent Office, hereby revokes all previous powers of attorney with respect to these patent applications heretofore granted and appoints the following attorneys with full power of substitution and revocation to prosecute applications and transact all business in the U.S. Patent and Trademark Office connected therewith:

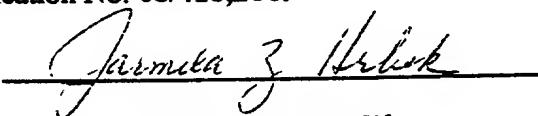
| | | | |
|--------------------|-------------------------|----------------------|-----------------|
| Donald W. Muirhead | Reg. No. 33,978 | Charles H. Cella | Reg. No. 38,099 |
| Beth E. Arnold | Reg. No. 35,430 | John C. Gorecki | Reg. No. 38,471 |
| Matthew P. Vincent | Reg. No. 36,709 | Edward J. Kelly | Reg. No. 38,936 |
| Isabelle M. Clauss | Reg. No. (see attached) | Sayoko Blodgett-Ford | Reg. No. 40,516 |

all of the Patent Group of Foley, Hoag & Eliot LLP at One Post Office Square, Boston, MA 02109.

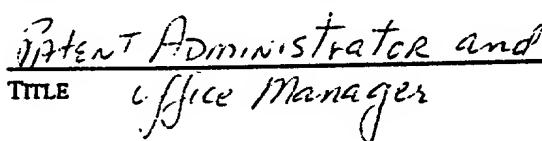
| APPLICANTS | SERIAL NO. | TITLE | FILING DATE |
|----------------------------------|------------|--|---------------|
| Baltimore, et al. | 08/418,266 | Nuclear Factors Associated with Transcriptional Regulation | 06 April 1995 |
| Baltimore, et al. | 08/463,397 | Nuclear Factors Associated with Transcriptional Regulation | 05 June 1995 |
| Baltimore, et al. | 08/464,364 | Nuclear Factors Associated with Transcriptional Regulation | 05 June 1995 |
| Pomerantz, et al. | 08/366,083 | Chimeric Transcription Factors | 29 Dec. 1994 |
| Sen, R. and Baltimore, D. | 946,365 | Method of Inducible Gene Expression | 23 Dec. 1986 |
| Baeurle, P. and Baltimore, D. | 07/162,680 | Activation of NF- κ B Precursor | 01 March 1988 |
| Baeurle, P. and Baltimore, D. | 07/318,901 | Activation of NF- κ B Precursor | 03 March 1989 |
| Lenardo, et al. | 07/341,436 | NF- κ B - Mediated Transcriptional Regulation | 21 April 1989 |

The undersigned, whose title is supplied below, is empowered to sign this Revocation and New Power of Attorney on behalf of the Assignee. The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/418,266.

Dated: Oct 30, 1997


JARMILA Z. HRBEK

PRINT OR TYPE NAME OF PERSON SIGNING


TITLE Patent Administrator and
Office Manager

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**GENERAL REVOCATION OF PRIOR POWERS OF ATTORNEY AND
APPOINTMENT OF NEW POWER OF ATTORNEY OR AUTHORIZATION OF AGENTS**

Commissioner for Patents
Washington, DC 20231

Dear Sir:

Ariad Pharmaceuticals, Inc., hereby revokes all previous powers of attorney and authorizations of agent previously granted to Foley, Hoag & Eliot.

The following attorneys or agents of the Patent Group at Ropes & Gray, and all other attorneys or agents affiliated with Customer No. 28120, are hereby appointed to prosecute applications and transact all business in the United States Patent and Trademark Office:

I hereby appoint Madeline F. Baer, Reg. No. 36,437; Steven J. Baughman, Reg. No. P-47,414; Johnny Y. Chen, Reg. No. 46,614; Gregory G. Glover, Reg. No. 34,173; William G. Gosz, Reg. No. 27,787; Patricia Granahan, Reg. No. 32,227; David P. Halstead, Reg. No. 44,735; Daniel Hansburg, Reg. No. 36,156; Edward J. Kelly, Reg. No. 38,936; Robert A. Mazzarese, Reg. No. 42,852; Sanjay Sitlani, Reg. No. 47,558; Wolfgang Stutius, Reg. No. 40,256; Matthew P. Vincent, Reg. No. 36,709; as attorneys/agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

Patent Group
Ropes & Gray
One International Place
Boston, MA 02110-2624

Customer No.: 28120

The undersigned, whose title is supplied below, is empowered to sign this Revocation and New Power of Attorney on behalf of the Assignee.

The original copy of this Revocation and New Power of Attorney is being filed in U.S. Patent Application No. 08/975,040.

Respectfully submitted,

blb1

Date

8551955.1

David L Bernstein

Officer

DAVID L. BERNSTEIN

Print or Type Name of Person Signing

SENIOR VP - CHIEF PATENT COUNSEL

Title